

PTO/SB/05 (11-00)

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Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. First Inventor		MIT-070PUS
		Hari Balakrishnan et al.
Title	METHOD FOR LOW-EN	IERGY ADAPTIVE CLUSTERING HIERARCH

(Only for new nonprovisional applications under 37 CFR 1.53(b))

9			
res	s Mail	Label No.	EK633835675US

Chily for new montprovisional applications under 37 CFN 1.35(0)) Express with Eaber 140.							
APPLICATION ELEMENTS			Assistant Commissioner for Patents ADDRESS TO: Box Patent Application				
See MPEP chapter 600 con	ceming utility patent application conte	nts.	Wa	shington, DC 20	0231		
Fee Transmittal Form (e.g., PTO/SB/17)			CD-ROM or CD-R is		e table or		
(Submit an original and a	duplicate for fee processing) small entity status.		Computer Program		N. d		
2. See 37 CFR 1.27			ucleotide and/or Amino A if applicable, all necessar		Submission		
3. Specification (preferred arrangement	[Total Pages 36]	a.	Computer Readab	•			
- Descriptive title		b.	Specification Sequence	Listing on:			
	e to Related Applications arding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or				
	equence listing, a table,		ii. 🔲 paper				
or a computer p - Background of	program listing appendix the Invention	C.	Statements verifyi	ng identity of at	oove copies		
- Brief Summary	of the Invention		ACCOMPANYING	APPLICATION	ON PARTS		
- Brief Description - Detailed Description	on of the Drawings <i>(if filed</i>) intion	9.	Assignment Papers				
- Claim(s)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		37 CFR 3.73(b) St	•	☐ Power of		
- Abstract of the	Disdosure	10.	(when there is an a		_ Attorney		
4. X Drawing(s) (35 L	J.S.C. 113) [Total Sheets 10] _] [11.	English Translation	•	• • •		
5. Oath or Declaration Un	signed [Total Pages 4]] 12.	Information Disclo Statement (IDS)/P		Copies of IDS Citations		
a. Newty exec	uted (original or copy)	13.	Preliminary Amen	dment			
Copy from a	a prior application (37 CFR 1.63 (d)) ation/divisional with Box 18 completed) 14.	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
	ION OF INVENTOR(S)	15.	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
named in	atement attached deleting inventor(s) the prior application, see 37 CFR	16	Request and Cert	fication under 3	5 U.S.C. 122		
1.63(d)(2)	and 1.33(b).		(b)(2)(B)(i). Applic	ant must attach	form PTO/SB/35		
6. Application Data	Sheet. See 37 CFR 1.76	17	or its equivalent. Other:				
		I		itle Page			
18. If a CONTINUING APPL or in an Application Data Sh	ICATION, check appropriate box, and	supply the re	quisite information below	and in a prelimi	inary amendment,		
Continuation	Divisional Continuation-in-part (CIP)	of prior application No.:				
Prior application information:	Examiner	•	Group Art Unit:				
For CONTINUATION OR DIVIS	IONAL APPS only: The entire disclosure	of the prior ap	plication, from which an o	th or declaration	n is supplied under		
Box 5b, is considered a part of	f the disclosure of the accompanying co relied upon when a portion has been in	ntinuation or	livisional application and is	hereby incorpo	rated by reference.		
The incorporation cart only be	19. CORRESPO			p			
	022494			· · · · · · · · · · · · · · · · · · ·			
Customer Number or Bar C	Customer Number or Bar Code Label Green Consumer No. or Alfact, bar state integral Correspondence address below				address below		
Name	Barry Gaiman			<u>.</u>			
	Daly, Crowley & Mofford, LLF)					
Address	275 Turnpike Street, Suite 10	1					
City	Canton	State	МА	Zip Code	02021-2310		
Country	US	Telephone	781.401.9988 ext. 2	2 Fax	781-401-9966		
Name (Print/Type)	Barry Gaiman	Re	gistration No. (Attorne	v/Agent) 4	2,562		
Signature	Barry Haiman			Date Dece	ember 27, 2000		
g.,a.a.	1 00-14 M MOON, 24 2						

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$)	445

Complete if Known		
Application Number	Not Yet Assigned	
Filing Date	Herewith	
First Named Inventor	Hari Balakrishnan	
Examiner Name	Not Yet Assigned	
Group Art Unit	Not Yet Assigned	
Attorney Docket No.	MIT-070PUS	

METHOD OF PAYMENT	FEE CALCULATION (∞ntinued)	
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES	
indicated fees and credit any overpayments to: Deposit	Large EntitySmall Entity Fee	Fee Paid
Account Number 50-0845	Code (\$) Code (\$)	ree raiu
Denosit	105 130 205 65 Surcharge - late filing fee or oath	
Account Name Daly, Crowley & Mofford, LLP	127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification	
Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex parte reexamination	
See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action	
2. X Payment Enclosed:	113 1,840* 113 1,840* Requesting publication of SIR after	
Check Credit card Money Other Other	Examiner action	
FEE CALCULATION	115 110 215 55 Extension for reply within first month	
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month	
Large Entity Small Entity	117 890 217 445 Extension for reply within third month	
Fee Fee Fee Fee Description	118 1,390 218 695 Extension for reply within fourth month	
000 (4) 0000 (4)	128 1,890 228 945 Extension for reply within fifth month	
	119 310 219 155 Notice of Appeal	
	120 310 220 155 Filing a brief in support of an appeal	
	121 270 221 135 Request for oral hearing	
	138 1,510 138 1,510 Petition to institute a public use proceeding	
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 355	141 1,240 241 620 Petition to revive - unintentional	
2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)	
Fee from Extra Claims below Fee Paid	143 440 243 220 Design issue fee	
Total Claims 30 -20** = 10 x 9 = 90	144 600 244 300 Plant issue fee	
Independent 3 - 3** = 0 x 40 = 0	122 130 122 130 Petitions to the Commissioner	
Claims Multiple Dependent =	123 50 123 50 Petitions related to provisional applications	
	126 240 126 240 Submission of Information Disclosure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
102 80 202 40 Independent claims in excess of 3	149 710 249 355 For each additional invention to be	
104 270 204 135 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))	
109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 90	Other fee (specify)	
**or number previously peid, if greater; For Reissues, see above	Reduced by Basic Filing Fee Paid SUBTOTAL (3)	0

SUBMITTED BY				Complete (i	f applicable)
Name (Print/Type)	Barry Gaiman	Registration No. (Attorney/Agent)	42,562	Telephone	781.401.9988 ext. 22
Signature	Barry Harman		·	Date	12/27/00

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REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

Title METHOD FOR LOW Atty Docket Number		
		V-ENERGY ADAPTIVE CLUSTERING HIERARCHY
		MIT-070PUS

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 27, 2000

Date

Signature

Barry Gaiman

Typed or printed name Reg. No. 42,562

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.